

APPENDIX A

Data Transfer Request (DTR) File -- for use with X_ETL_DEFINEREC

/* General notes:

* 1. The DTR file is comprised of DTR commands that define the data transfer between
* the GCOS and Unix machines in behalf of the RDBC utilities running on Unix.

* 2. A DTR command may be expressed on a single line or across multiple lines.

* An individual token within a DTR command may not be split across
* multiple lines. Multiple DTR commands on the same line is not supported.

* 3. Supported DTR commands: OPTION and RECORDFORMAT.

* 4. Required Order of DTR commands: OPTION (if present),
* followed by RECORDFORMAT.

* 5. RECORDFORMAT field requirements: All fields of data record must be
* explicitly defined.

*/

<OptionCmd>::= OPTION <OptionStmt> [<OptionStmt>...];

<OptionStmt>::= <ConvStmt> | <IndStmt> | <ByteflipStmt>

<ConvStmt>::= -CONVERT {YES|NO} /* default is YES */

<ByteflipStmt>::= -BYTEFLIP {YES|NO} /* default is YES */

<IndStmt>::= -INDICATORS {YES|NO} | <NumIndBits> /* default is NO */

<NumIndBits>::= /* integer value indicating number of Indicator bits */

/* Miscellaneous notes:

* 1. "-INDICATORS YES" implies that the number of Indicator Bits is

* the number of <FieldDesc> fields contained in the RECORDFORMAT command.

*/

/*-----*/

<RecFormatCmd>::= RECORDFORMAT <FieldDesc> [,<FieldDesc>...];

<FieldDesc>::= <fieldname> (<datatype>)

<fieldname>::= /* alpha-numeric string indicating name of record field */

<datatype>::= BYTE (n) | BYTEINT | CHAR (n) | DATE | DECIMAL (x)

DECIMAL (x,y) | FLOAT | GRAPHIC (n) | INTEGER | LONG VARBYTE |

LONG VARCHAR | LONG VARGRAPHIC | SMALLINT | VARBYTE (n) |

VARCHAR (n) | VARGRAPHIC (n)

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/* Miscellaneous notes:

* 1. Data types LONG VARBYTE and LONG VARCHAR imply a maximum

* length of 64000 1-byte elements (64000 bytes).

* 2. LONG VARGRAPHIC implies a maximum length of 32000 2-byte

5 * elements (64000 bytes).

* 3. All tokens comprising an individual <FieldDesc> must be contained on

* the same line.

*/

APPENDIX B

GLOSSARY

- API - Application Programmatic Interface. The interface used by an application to request services from a product.
- AIX - UNIX variant developed by IBM Corporation. It is the UNIX utilized in the preferred embodiment of this invention.
- 5 DBSP - DataBase Server Processor - UNIX based database system sold by Assignee that operates as a database backend for mainframe systems.
- DBSS - DataBase Server System - A general purpose UNIX system that is the UNIX component of DBSP
- ETL - Extract, Transform, and Load
- 10 Fast-ETL - Software that performs ETL and is the subject of this patent disclosure.
- GCOS 8 - Mainframe operating system and hardware sold by assignee of this invention. This is the preferred embodiment of the mainframe system disclosed herein.
- GFIP - GCOS File Interface Procedure. The run-time routines developed for Fast-ETL that are bound with the GCOS 8 user application.
- 15 SID - Server Interface Domain
- Teradata - Backend database system commercially made by NCR corporation and sold by assignee of this invention.
- 20 UFAP - GCOS File Read/Write Application. A UNIX application written and provided by assignee as part of the Fast-ETL product. This program provides two services. One service is to write a data stream from UFIP to a UNIX file. The other service is to read a UNIX file and send its content as a data stream to UFIP.
- 25 RDBC - Relational DataBase Computer - Name given to NCR Teradata implementation attached to Assignee's GCOS mainframe through an I/O channel.
- UFIP - GCOS File Interface Procedure. The run-time routines developed for Fast-ETL that are bound with a UNIX user application or with the program provided by assignee, UFAP.
- 30 USL - UNIX Sockets Listener

APPENDIX C

Publications

The following published manuals are commercially available from Assignee and may be useful in understanding commercially available prior art products utilized in implementing this invention.

Number	Manual Title / Description
9932-03	File Transfer (UFTF) Installation Guide
EC25-09	INTEREL Utilities Reference Manual
JZ27-02	Teradata DBS MultiLoad Reference Manual
JZ30-02	Teradata DBS FastExport Reference Manual
JZ43-01	Teradata DBS FastLoad Reference Manual
JZ44-01	Teradata DBS T pump Reference Manual
LC02-05	Sockets Internetworking Programmer's Guide
RG44-08	Sockets Administrator's Guide
RJ05-02	File Transfer Protocol 8 Administrator's and User's Guide
RJ28-03	DBSP Oracle Support Programmer's Guide
RJ29-03	DBSP Oracle Support Administrator's Guide
RJ63-00	FlowBus Product Overview
SH39-08	Sockets SR8 SK4.0 SRB
SH95-02	Multiload Software Release SRB
SJ38-03	GEC for FlowBus GCOS8 Cobol API SRB
SJ43-02	FastExport VRC1.0FX SRB
SJ74-01	FastLoad Software Release VRC2.0FL SRB
SJ75-01	TPump Software Release VRC2.0TP SRB
SJ76-03	DBSP Oracle Support Release 1.1 SRB
SJ76-03	DBSP Oracle Support SRB
SJ91-01	MultiLoad VRC2.0ML SRB
SJ92-00	FastExport VRC2.0FX SRB

These manuals (or their successors) are commercially available from Assignee at:

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Application papers not suitable for publication

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- ☐ Non-English Specification
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- ☐ Landscape orientation of text ☐ Specification ☐ Claims ☐ Abstract
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- ☐ Claims not on separate page(s)
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 - Reason
 - ☐ Paper too thin
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